

## AMENDMENTS TO THE CLAIMS

This listing of the claims replaces all prior listings and versions:

1 to 56. (canceled).

57. (currently amended): A complex between an exogenous ~~molecule~~ polypeptide and a binding site in cellular chromatin, wherein the binding site comprises a target site and is in ~~an accessible~~ a region of cellular chromatin that is sensitive to a probe of chromatin structure.

58-62. (canceled)

63. (currently amended): The complex of ~~claim 62~~ claim 57, wherein the ~~protein~~ exogenous polypeptide is a transcription factor.

64. (previously presented): The complex of claim 63, wherein the transcription factor is a zinc finger protein (ZFP).

65. (canceled)

66. (previously presented): A cell comprising the complex of claim 57.

67. (canceled)

68. (currently amended): The cell of claim 67, wherein the ~~protein~~ exogenous polypeptide is encoded by a nucleic acid introduced into the cell.

69. (previously presented): The cell of claim 66, wherein the cell is a plant cell.

70. (previously presented): The cell of claim 66, wherein the cell is an animal cell.

71. (previously presented): The cell of claim 66, wherein the cell is a human cell.

**72-86.** (canceled)

**87. (new)** The complex of claim 57, wherein the probe of chromatin structure is a chemical probe.

**88. (new)** The complex of claim 57, wherein the probe of chromatin structure is an enzymatic probe.

**89. (new)** The complex of claim 88, wherein the enzymatic probe is DNase I.

**90. (new)** The complex of claim 88, wherein the enzymatic probe is a restriction endonuclease.